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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/799,853	03/15/2004	Katsuya Matsufuji	L8612.04108	2058
24257 7590 06/21/2007 STEVENS DAVIS MILLER & MOSHER, LLP 1615 L STREET, NW SUITE 850 WASHINGTON, DC 20036			EXAMINER JAMAL, ALEXANDER	
			ART UNIT 2614	PAPER NUMBER
			MAIL DATE 06/21/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/799,853

Applicant(s)

MATSUFUJI, KATSUYA

Examiner

Alexander Jamal

Art Unit

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 March 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☐ Claim(s) _____ is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION***Claim Rejections - 35 USC § 102***

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

1. **Claims 1-19** rejected under 35 U.S.C. 102(e) as being anticipated by Broussard et al. (6963637).

As per **claim 1**, Broussard discloses a redialing system that may be used in a PBX or public phone network using a known signaling protocol such as GSM, TDMA, CDMA which use digital communication lines and utilize a voice and signaling channel, or traditional analog communication lines such as the PSTN network (Col 2 lines 45-55, Col 4 lines 10-25). The network uses a phone or similar device (ABSTRACT). The phone comprises storage controller 270 (Fig. 2) that sequentially stores dialed numbers, and also may detect 'trigger events' such as a connected, busy, no answer via trigger determiner 230. The device captures the entire dialing sequence, including any triggers (Col 2 lines 25-40, Col 3 lines 10-30) until the call is released (disconnected) (Col 3 lines 47-60). The system comprises a redial controller (replay circuitry 280) to recreate the previously stored dialing sequence (Col 7 line 45 to Col 8 lines 45-65), including any triggers. When the 'connected' trigger is used, the network will accept the redialed number and initiate a phone call. After the 'connected' trigger has occurred, the phone will be connected and the phone device will be transmitting via the 'voice channel'. Any additional dialing digits will be output by the redial device at this point, on the voice channel.

As per **claim 7** it is rejected as per the claim 1 rejection. The system may comprise a company network (PBX). The system comprises telephones (ABSTRACT) which are extension stations that are interfaced via a gateway interface (Col 2 lines 55-67). Examiner notes that furthermore, any telephone inherently requires a network interface for the purpose of allowing it to communicate with a network. The initial network that the extension phone is coupled to may be digital or analog (Fig. 1) and it may be interfaced with additional networks that may be analog or digital and inherently require the appropriate interface (such as the gateway 120) for the purpose of functioning with the networks. The system performs standard dialing functions that are enabled by the protocol interface gateway (as noted in the claim 1 rejection. As such, application server 110 will receive and capture any dial information (including triggers) and redial said information when requested by the user. The examiner reads the 'control channel', as any channel that receives dialing information before a call is connected. The information will be transmitted in the appropriate signaling format via gateway interface 112 (first transmitter). After a call is connected the dialing information transmitted to the network will be on the voice channel and will be converted via the called network gateway (second dial signal transmitter) to the appropriate signaling format on a connected (voice) channel.. The redial system comprises a connection signal detector (trigger detectors) that may detect when the outside (called) line is seized (a 'connection' trigger has occurred). All network inherently comprise switch controllers to interface the calling phone with the called phone (via a 'voice channel'). The remaining components are disclosed as per the claim1 rejection.

As per **claim 14**, it is rejected as per the claim 7 rejection.

As per **claims 2,8,15**, the phone may be implemented on the PSTN. The phone uses DTMF signaling and may also implement a gateway interface (Col 2 lines 55-67, Col 4 lines 10-25) that may interface (transform) any signaling (such as DTMF) to the appropriate protocol required by the networks through which the call is being made. The function of the gateway is to provide the appropriate signaling format to the networks to which it is coupled.

As per **claims 3,16**, the dialing sequence, comprising dialed numbers before the connection is established (dial information) and numbers dialed after the connection (destination info) may be stored in a memory (telephone directory) (Col 6 lines 64-67).

As per **claims 4,10,17**, the storing takes place after a command from the user. The storage unit comprises a storage condition storing unit that stores the commands required by the user to store the dial information. The storing takes place after the entry of the dialed digits and any triggers (such as detection of 'line connection').

As per **claims 5,11,18**, the system will redial a complete dialing sequence that is stored in memory. The system inherently comprises a 'predetermined information' for the purpose of indicating to the redial system when the end of the stored dialing sequence has been reached.

As per **claims 6,13,19**, the system is able to store 'trigger events' along with before-connection dialed info and after-connection dialed info. The trigger events are 'mark information' (predetermined information).

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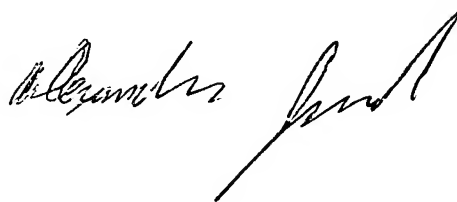
As per **claim 9**, the redial unit may store and recreate pauses (timing information) between dialed digits (Col 3 lines 15-30).

As per **claim 12**, the user may enter a command (predetermined operation) causing the system to redial the information stored after a predetermined mark (subsequent information) (Col 7 lines 45-55).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alexander Jamal whose telephone number is 571-272-7498. The examiner can normally be reached on M-F 9AM-6PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curtis A Kuntz can be reached on 571-272-7499. The fax phone numbers for the organization where this application or proceeding is assigned are **571-273-8300** for regular communications and **571-273-8300** for After Final communications.

Examiner Alexander Jamal
June 17, 2007

A handwritten signature in black ink, appearing to read 'Alexander Jamal', is written over the typed name and date.